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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/909,001 08/08/97 VERMEER

F CASE-2

022897

WM02/0621

EXAMINER

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TRAN, F

ART UNIT

PAPER NUMBER

2684

DATE MAILED:

06/21/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

08/909,001

Applicant(s)

VERMEER, FULPS
VINCENTINUS

Examiner

Pablo N Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 19 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) 1-11 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 18) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-2, 4-7, and 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Huttunen et al.* (5,903,850) in view of *Kodama* (5,805,998) and further in view of *Mallien, II* (4,122,304).

As per claims 1-2, 4-7, and 9-11, *Huttunen et al.* disclose a wireless terminal comprising:

- an antenna (fig. 7/no. 2,32);
- a radio (fig. 7/no. 1,31);
- a cable (fig. 2/no. 6,8, fig. 4/no. 6,38) that is detachably connected to said radio and

that is also connected to said antenna for carrying an RF signal (fig. 2/no. 9, fig. 4/no. 39) and for carrying a baseband signal (fig. 2/no. 10, col. 3/ln. 20-30) from said radio to said indications (col. 3/ln. 20-col. 6/ln. 12).

Huttunen et al. disclose Applicant's invention except teaching a first visual indicator that indicates to a user of said wireless terminal when a radio is receiving. *Kodama* disclose indicator

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that indicates to a user of said terminal when a radio is receiving (fig. 3/no. 21E, col. 8/ln. 4-24). In order for the user to easily determine the status of the call at any given time, it would have obvious to one of ordinary skill in the art at the time of Applicant's invention to provide a telephone apparatus as taught by *Kodama* in conjunction with a mobile radio communication device as taught by *Huttunen et al.*.

Huttunen et al. in view of *Kodama* disclose Applicant's invention except teaching a second visual indicator that indicates to a user of said wireless terminal when a radio is transmitting. *Mallien, II* disclose indicator that indicates to a user of said terminal when a radio is transmitting (fig. 3B/no. 120, col. 5/ln. 26-29). In order for the user to easily determine the status of the call at any given time, it would have obvious to one of ordinary skill in the art at the time of Applicant's invention to provide a telephone apparatus as taught by *Mallien, II* in conjunction with a mobile radio communication device as taught by *Huttunen et al.* in view of *Kodama*.

3. Claims 3 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Huttunen et al.* (5,903,850) in view of *Kodama* (5,805,998) and *Mallien, II* (4,122,304) and further in view of *Stein* (5,628,055).

As per claim 3 and 8, *Huttunen et al.* in view of *Kodama* and *Mallien, II* disclose Applicant's invention except teaching said radio is integral to a PC radio card. *Stein* disclose said radio is integral to a PC radio card (fig. 10/no. 131). In order to enable PC readily radio communicate with other networks, it would have obvious to one of ordinary skill in the art at the time of Applicant's invention to provide a modular radio communications system as taught by

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Stein in conjunction with a mobile radio communication device as taught by *Huttunen et al.* in view of *Kodama* and *Mallien, II*.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kyle. (4,186,342) and Barringer et al. (3,939,421) disclose method and apparatus for wireless communications system.

5. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Pablo Tran whose telephone number is (703)308-7941. The fax number for this Group is (703)872-9314.

Any inquiry of a general nature to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-4700.

June 7, 2001

Pablo Tran

Examiner, Art Unit 2684


THANH CONG LE
PRIMARY EXAMINER

TC2684